

FIG. 1

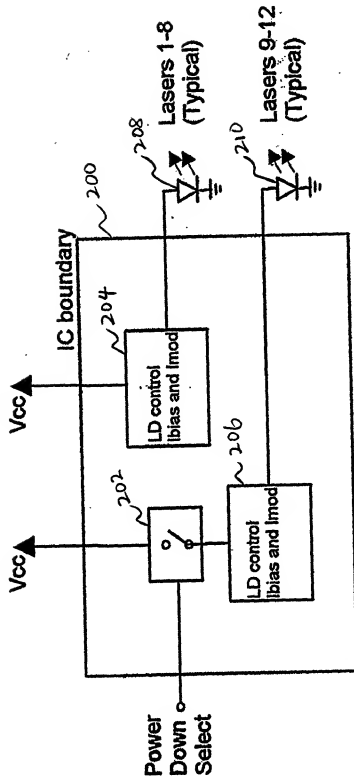
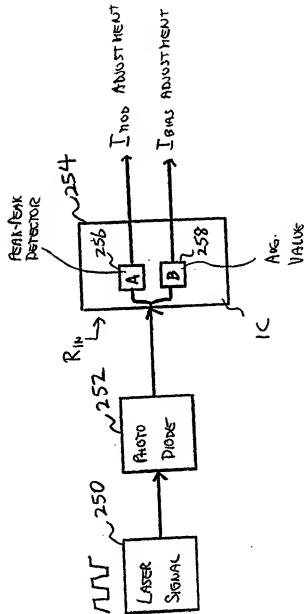


FIG. 2



**FIG. 3**

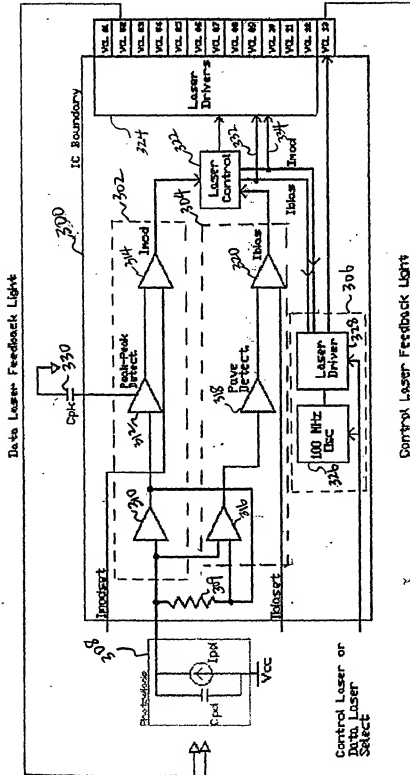


FIG. 4

# Option 1: Extra Laser, use of control laser for feedback.

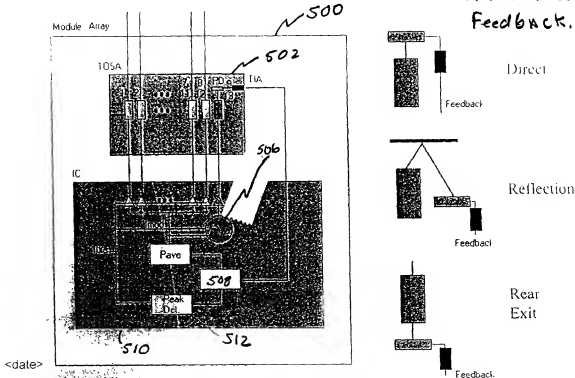


FIGURE 5

# Option 2 a & b : Use of Data Laser for Feedback

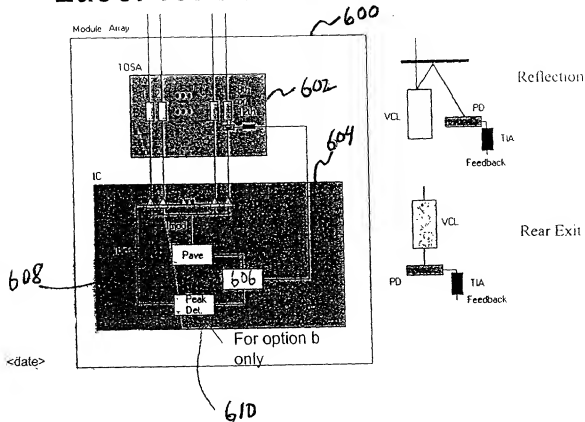
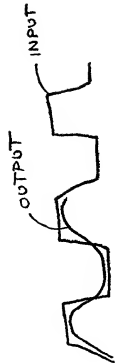


Figure 6



**FIG. 7A**

GENERAL  
CASE



**FIG. 7B**

HIGH BW, LOW  
CAPACITANCE  
PHOTODIODE



**FIG. 7C**

LOW BW, HIGH  
CAPACITANCE  
PHOTODIODE

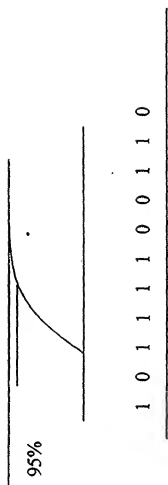
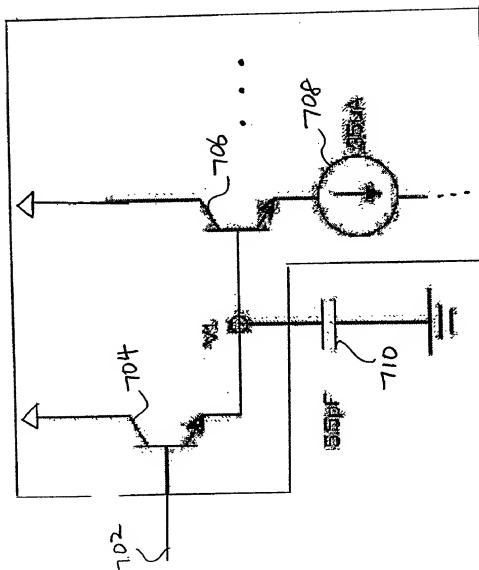


FIG. 8





700

FIG. 9

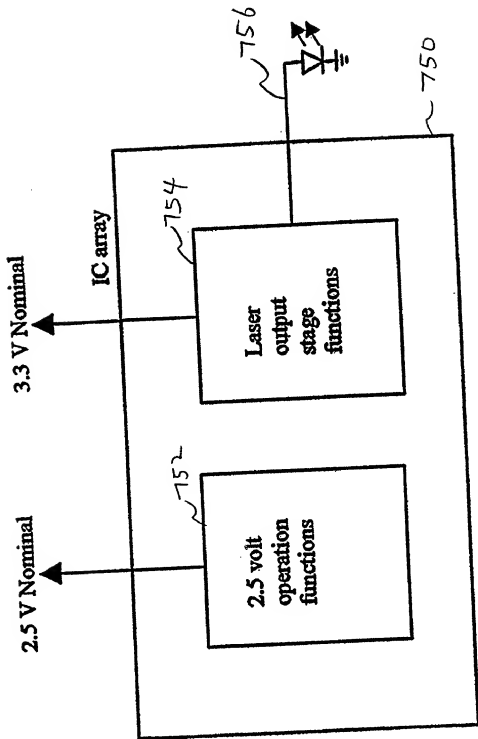


FIG. 10

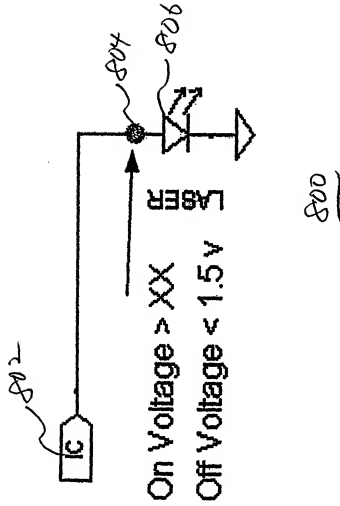


FIG. 11

FIG. 12A

To define the problem

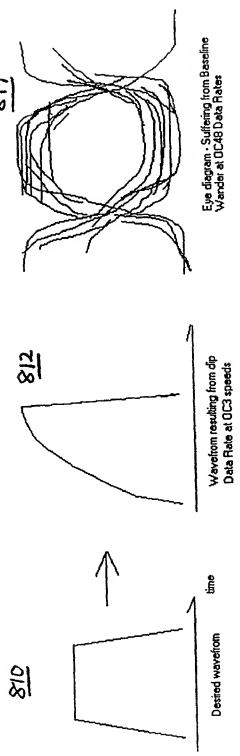


FIG. 12A

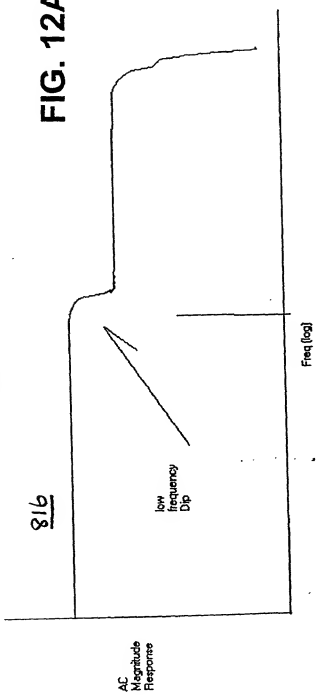


FIG. 12B

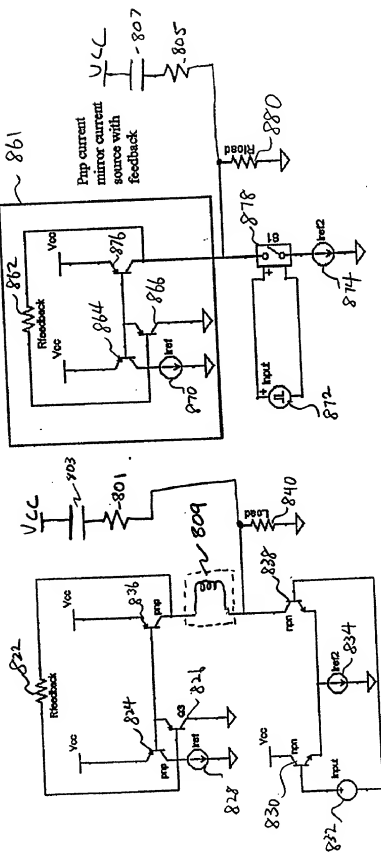


FIG. 13B

FIG. 13A

860

820